





<b>saturn</b>	
Namesake & Symbol	Roman God of Agriculture 
Mean Distance from Sun	1,429.4 million kilometers
Period of Rotation	10.656 hours (= 1 Saturnian day)
Equatorial Diameter	120,536 kilometers
Equatorial Inclination to Orbit	26.73°
Gravity	9.05 m/s <sup>2</sup> at 1-bar pressure level (i.e., pressure equivalent of Earth's surface)
Atmosphere:	Hydrogen and helium
Main Component	At deduced radial location of outer edge of liquid core, pressure deduced to be 12 Mbar
Pressure at Outer Edge of Core	At deduced radial location of outer edge of liquid core: 12,000 kelvin; thermospheric: 420 kelvin; at cloudtop: 95 kelvin
Temperature Range	In ascending distance from planet: Pan, Atlas, Prometheus, Pandora, Epimetheus, Janus, Mimas, Enceladus, Tethys/Telesto/Calypso, Dione/Helene, Rhea, Titan, Hyperion, Iapetus, Phoebe (moons combined by slashes are co-orbital; i.e., they share an orbit)
Moons (18)	
Number of Rings (7)	In ascending distance from planet: D ring, C ring, B ring, A ring, F ring, G ring, E ring
Orbital Eccentricity	0.056
Orbital Inclination to Ecliptic	2.49°
Magnetic Field Density at Equator	0.21 Gauss (at 1-bar pressure level)

